

B.M. RL 3962 ELEV 1365.072
 CENTERLINE OF ROAD IN SIDEWALK
 MARKED (63 FT) 2.5' EAST OF
 WEST END OF FREEMAN BRIDGE
 & 27' SOUTH OF LYONS AVE.
 NEWHALL QUAD. 19 72

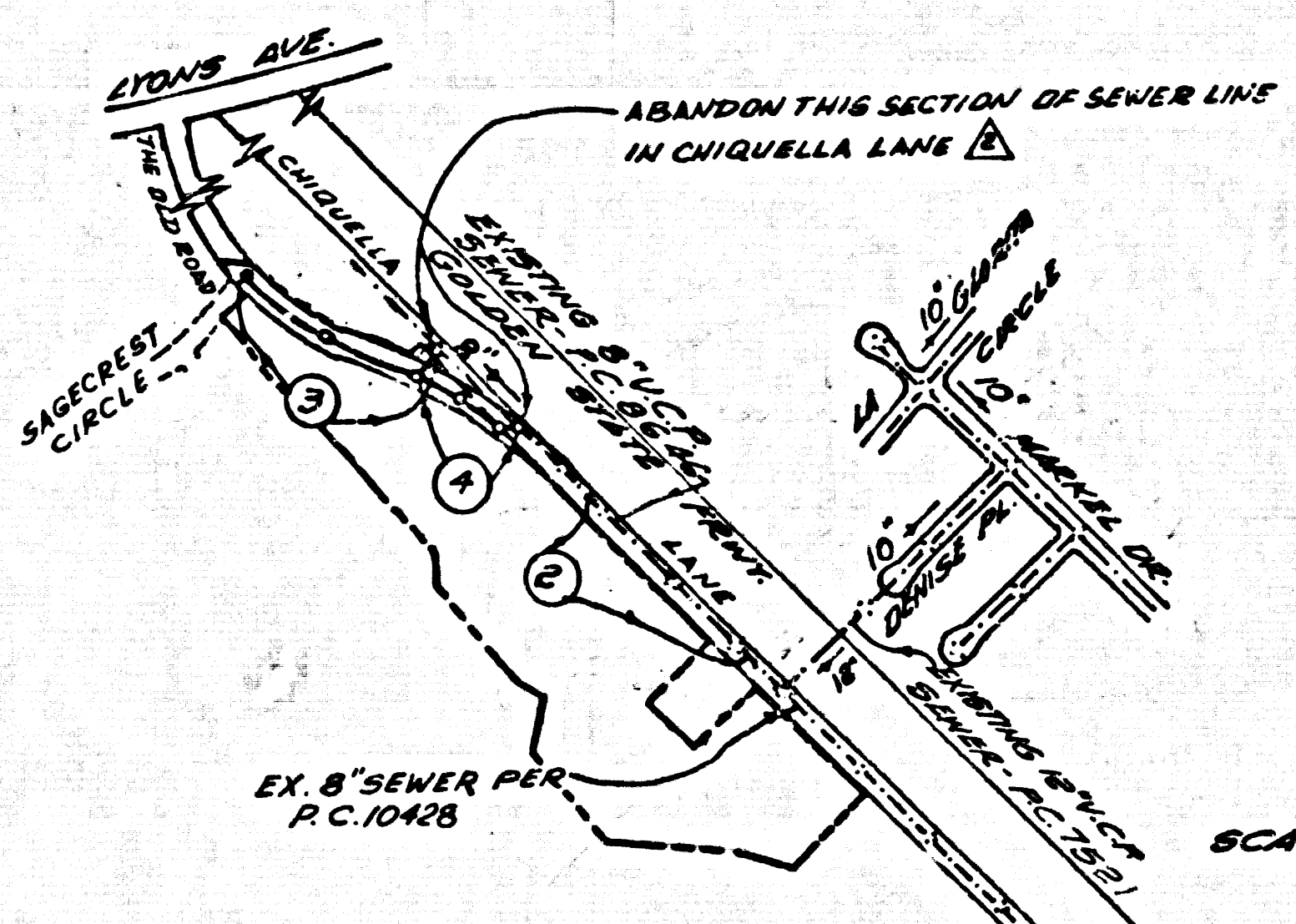
DOUBLE SCALE

REVISION NO. 2 DATE: AUG 29, 1986
 ABANDON EXISTING SEWER LINE FROM STA. 8+00.00 TO STA. 15+00.00 OF PC 8646. ADD A NEW SEWER LINE IN THE OLD ROAD FROM EXISTING STA. 8+00.00 TO STA. 14+79.14 IN THE OLD ROAD. DELETE ALL'S AT STA. 7+08.00 TO 7+75.00 IN THE OLD ROAD OF LOT 3 UNLESS SHOWN ON LOT 3. APPROVED *Samy G. Hall* 10/18/86 55134 DEPT. OF PUBLIC WORKS R.E. NO.

REVISION NO. 1 DATE: JULY 16, 1986
 REVISE MANHOLE FROM STATION 7+37.73 TO STATION 7+38.21. PAGE 3
 APPROVED *Samy G. Hall* 10/18/86 55134 DEPT. OF PUBLIC WORKS R.E. NO.

NO CONNECTION FOR THE DISPOSAL OF INDUSTRIAL WASTES SHALL BE MADE TO SEWERS SHOWN ON THESE DRAWINGS UNTIL A PERMIT FOR INDUSTRIAL WASTEWATER DISCHARGE HAS BEEN ISSUED BY THE SANITATION DISTRICTS FOR SAID CONNECTION.
 BEFORE BREAKING INTO OR CONSTRUCTION ON A COUNTY SANITATION DISTRICT SEWER AND PRIOR TO FINAL ACCEPTANCE OF THE PROJECT, SANITATION DISTRICT INSPECTOR SHALL BE NOTIFIED BY PHONE (805) 947-5027 SO THAT REQUIRED INSPECTION CAN BE MADE.

NOTE: LOT 4 WILL BE SERVED BY P.C. 10428 PAGE 2.
 Lots 5, 6, 7 & 8 unbuildable & will not be served by house laterals



INDEX MAP
 TRACT NO. 43791
 P.C. 10429

NOTE: NUMBERS IN CIRCLES INDICATE PAGE NUMBERS
 NOTE TO CONTRACTOR:
 SEWER SERVICE MUST BE MAINTAINED AT ALL TIMES. SALVAGEABLE MANHOLE FRAMES AND COVERS TO BE DELIVERED BY THE CONTRACTOR AT HIS OWN EXPENSE TO THE SEWER MAINTENANCE YARD AT 2849 S. MYRTLE AVE., IRVINDALE, CA. TELEPHONE (818) 446-3271

GENERAL NOTES:

- ELEVATIONS ARE IN FEET ABOVE U.S.C. & G.S. SEA LEVEL DATUM OF 1985.
- NO REVISIONS SHALL BE MADE IN THESE PLANS WITHOUT THE APPROVAL OF THE DEPARTMENT OF PUBLIC WORKS.
- NO REPRESENTATIVE OF THE CONTRACTOR SHALL BE ALLOWED TO REMOVE OR LAY OUT ANY PORTION OF THE WORK.
- GRADES TO WHICH THIS IMPROVEMENT IS TO BE CONSTRUCTED ARE SHOWN ON PLANS AND PROFILES. GRADE POINTS 3" IN TOP OF CURBS, CENTER LINE OF STREETS, OR CENTER LINE OF ALLEYS ARE SHOWN BY CIRCLES ON PROFILES AT ALL POINTS BETWEEN DESIGNATED POINTS. THE GRADE SHALL BE ESTABLISHED SO AS TO CONFORM TO A STRAIGHT LINE DRAWN BETWEEN SAID DESIGNATED POINTS.
- THE PRIVATE ENGINEER SHALL FURNISH THE COUNTY ENGINEER WITH GRADE SHEETS AND STATIONINGS FOR ALL HOUSE LATERALS AND "T" OR "T" BRANCHES AND SHALL PROVIDE STAKES FOR THEM AT THEIR PROPER LOCATIONS WITH 23" STAKES IN 1/4" INCH MARKED AND 10" OR 12" BRANCHES AND SHALL PROVIDE STAKES FOR THEM AT THEIR PROPER LOCATIONS WITH 23" STAKES IN 1/4" INCH MARKED. ALL HOUSE LATERALS SHALL BE CONSTRUCTED IN A STRAIGHT ALIGNMENT AT RIGHT ANGLES FROM THE MAIN LINE SEWER EXCEPT AS SHOWN ON THE PLANS. HOUSE LATERALS FROM CHIMNEYS SHALL NOT HAVE AN ANGLE OF LESS THAN 45° WITH THE MAIN LINE SEWER. ANY CHANGE IN ALIGNMENT SHALL BE REQUESTED IN WRITING BY THE PRIVATE ENGINEER.
- THE PRIVATE ENGINEER SHALL FURNISH THE HOUSE LATERAL DEPTH AT THE PROPERTY LINE BELOW THE TOP OF CURB ELEVATION FOR EACH HOUSE LATERAL ON THE GRADE SHEET.
- BEFORE WORK CAN BE STARTED, THE CONTRACTOR MUST OBTAIN A PERMIT TO EXCAVATE IN COUNTY STREETS FROM THE L.A. COUNTY ROAD & STREET DISTRICT OFFICE NO. 2 AND PAY FEE TO THE COUNTY ENGINEER 8526 ALCAZAR ST. LOS ANGELES, CA 90005 TO COVER THE COST OF CONSTRUCTION INSPECTION AND RECORD PLANS.
- IF WORK IS TO BE DONE IN A STATE HIGHWAY, A PERMIT MUST BE OBTAINED FROM THE STATE OF CALIFORNIA, DIVISION OF HIGHWAYS, 127 SOUTH SPRING STREET, LOS ANGELES, CALIFORNIA.
- APPROVAL OF THIS PLAN BY THE COUNTY OF LOS ANGELES DOES NOT CONSTITUTE A REPRESENTATION AS TO THE ACCURACY OF THE LOCATION OF OR THE EXISTENCE OR NON-EXISTENCE OF ANY UNDERGROUND UTILITY PIPE, OR STRUCTURE WITHIN THE LIMITS OF THIS PROJECT. THIS NOTE APPLIES TO ALL PAGES.
- REFER TO SECTION 7.16.41 OF THE STANDARD SPECIFICATIONS REGARDING SAFETY CHAINS.
- PRIOR TO THE ISSUANCE OF THE REQUIRED SEWER CONSTRUCTION PERMIT, THE CONTRACTOR SHALL OBTAIN AND FILE WITH THE DEPT. OF PUBLIC WORKS OF A PERMIT TO EXCAVATE IN COUNTY STREETS FROM THE LOS ANGELES COUNTY ROAD DEPARTMENT. A PERMIT FOR EXCAVATIONS AND TRENCHES FROM THE STATE OF CALIFORNIA, DIVISION OF INDUSTRIAL SAFETY AND A CERTIFICATE OF WORKERS COMPENSATION INSURANCE WITH THE COUNTY OF LOS ANGELES, 2220 ALCAZAR ST. 3RD FL. A-208, LOS ANGELES, CALIFORNIA 90005, NAMED AS THE CERTIFICATE HOLDER TO BE NOTIFIED 30 DAYS PRIOR TO CANCELLATION OF POLICY.

CONSTRUCTION NOTES:

- WORK SHALL BE CONSTRUCTED ACCORDING TO THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION 1985 EDITION WITH THE SUPPLEMENTS AND REVISIONS BY SPECIAL PROVISIONS FOR THE CONSTRUCTION OF SANITARY SEWER SYSTEMS, DATED 12/27/85 AND SHALL BE PROSECUTED ONLY IN THE PRESENCE OF THE DEPT. OF PUBLIC WORKS.
- THE CONTRACTOR SHALL NOTIFY THE CONSTRUCTION DIVISION - P.M. BY TEL. (213) 226-8221 AT LEAST TWENTY-FOUR HOURS BEFORE STARTING ANY WORK UNDER THIS CONTRACT.
- HOUSE LATERALS TO BE CONSTRUCTED WITH INVERTS AT PROPERTY LINE 6 FEET BELOW CURB GRADE EXCEPT AS NOTED.
- PIPE OR TEE BRANCHES MAY BE USED FOR CONNECTIONS TO MAINLINE SEWERS EXCEPT AS NOTED.
- ALL STRUCTURES SHALL BE 8" X 8" BRICK MANHOLES PER 8-3 ON PRECAST CONCRETE MANHOLES PER 8-3 EXCEPT AS NOTED.
- PROVIDE STAKES ON THE PROPERTY LINE OR PROPERTY LINES PRODUCED AT RIGHT ANGLES TO THE SEWER LINE AT THE CENTER LINE OF EACH MANHOLE.
- MANHOLE TOPS IN UNIMPROVED AREAS TO BE 24 INCHES ABOVE FINISHED GRADE.
- WITHERED CLAY PIPE JOINTS SHALL BE TYPE "C" OR "D" PER STANDARD SPECIFICATIONS SECTION 305-2.
- IF A POWER POLE IS WITHIN THREE FEET OF THE SEWER, THE SEWER SHALL BE ENCASED PER 8-22 CASE II, TWO FEET ON EACH SIDE FROM THE POINT OF INTERFERENCE.
- IF DURING THE COURSE OF CONSTRUCTION IT IS DETERMINED THAT THERE IS LESS THAN FOUR FEET OF COVER OVER THE TOP OF A MAIN LINE OR HOUSE LATERAL SEWER WHICH IS NOT INDICATED ON THE PLANS, THE PIPE SHALL BE ENCASED PER 8-22 CASE II UNLESS OTHERWISE APPROVED BY THE DEPARTMENT OF PUBLIC WORKS.
- ALL JOINTS BETWEEN CAST IRON PIPE AND WITHERED CLAY PIPE SHALL BE MADE WITH A RUBBER SLEEVE JOINT, TYPE "C" OR "D" (WITH BUSHING IF NECESSARY) PER STANDARD SPECIFICATIONS SECTION 305-1 OF THE STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.
- SEWERS TO BE TESTED FOR LEAKAGE PER SECTION 305-1.6 OF THE STANDARD SPECIFICATIONS OR CALIFORNIA STATE HIGHWAY REQUIREMENTS IN ACCORDANCE WITH PERMITS.
- RESURFACE ALL TRENCHES WITHIN PAVED AREAS TO MEET L.A. COUNTY PUBLIC WORKS OR CALIFORNIA STATE HIGHWAY REQUIREMENTS IN ACCORDANCE WITH PERMITS.
- FULL COMPLIANCE WITH SECTION 305-1.8.3 OF THE SPECIAL PROVISIONS WILL BE REQUIRED FOR BACKFILL IN STREETS. CERTIFICATION OF BACKFILL COMPACTION AND SAND EQUIVALENTS BY A QUALIFIED REGISTERED TESTING LABORATORY SHALL BE PROVIDED BY THE PERMITTEE PRIOR TO THE ISSUANCE OF A CERTIFICATE OF PARTIAL ACCEPTANCE.
- SPECIAL BACKFILL IN BASEMENT CONSTRUCTION: (A) BACKFILL TRENCH AND REPLACE OTHER EARTH SO AS TO ACHIEVE THE NATURAL OR FINISHED GRADES AND SLOPES SHOWN ON THE GRADING PLAN APPROVED FOR THE DEVELOPMENT BY THE BUILDING AND SAFETY DIVISION (B) ALL BACKFILL AND EARTH REPLACED SHALL BE COMPACTED TO A MINIMUM OF 90% OF MAXIMUM DENSITY PER A.S.T.M. STD. METHOD OF TEST D9557 AS MODIFIED. ACCEPTABLE CERTIFICATION OF SUCH COMPACTION SHALL BE SUBMITTED TO THE CONSTRUCTION DIVISION - PUBLIC WORKS.

SANITARY SEWERS

TO BE CONSTRUCTED IN
 TRACT NO. 43791

PRIVATE CONTRACT NO. 10429

INDEX A-42
 2 SHEETS, 4 PAGES

51805

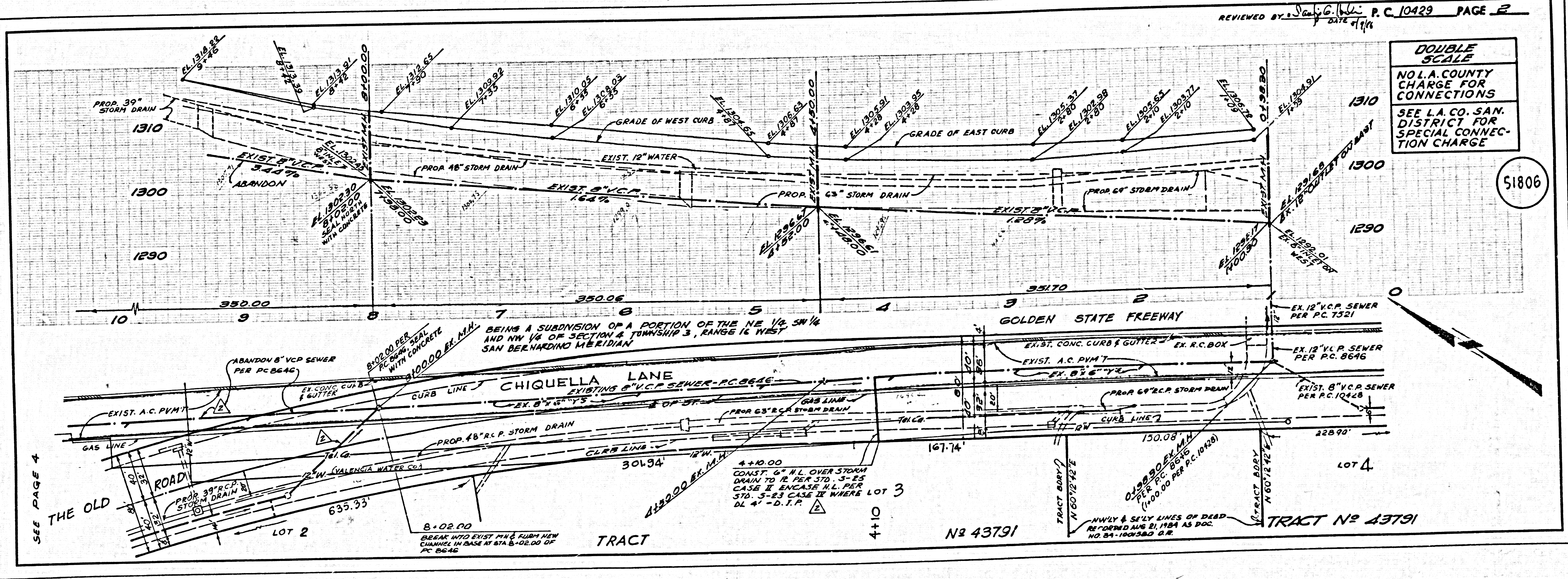
SCALE: VERT. 1"=8'
 HORIZ. 1"=40'
 OCTOBER, 1985
 PREPARED IN THE OFFICES OF
 JOEL SILVERMAN & ASSOCIATES
 20300 VENTURA BLVD., SUITE 350
 WOODLAND HILLS, CA 91364
 REG. C.E. NO. 40049

THE FOLLOWING LATEST REVISED STANDARD PLANS ON FILE IN THE OFFICE OF THE DEPT. OF PUBLIC WORKS SHALL APPLY IN THE CONSTRUCTION OF THIS PROJECT.

LEGEND	5-1
MINIMUM PUBLIC SAFETY DIMENSIONS	5-2
SEWER MANHOLE	5-3
STANDARD MANHOLE STEP	5-4
BEDDING FOR SEWER PIPE	5-5
CHAMBERS AND BRUSHINGS	5-6
PIPE ON THE IMPROVE	5-7
ALLOWABLE TRENCH WIDTHS	5-8
SEWER MANHOLE FRAMES AND COVERS	5-9
NON-SUBSIDING PRECAST CONCRETE SEWER MANHOLES	5-10
SPECIAL HOUSE LATERALS	5-11

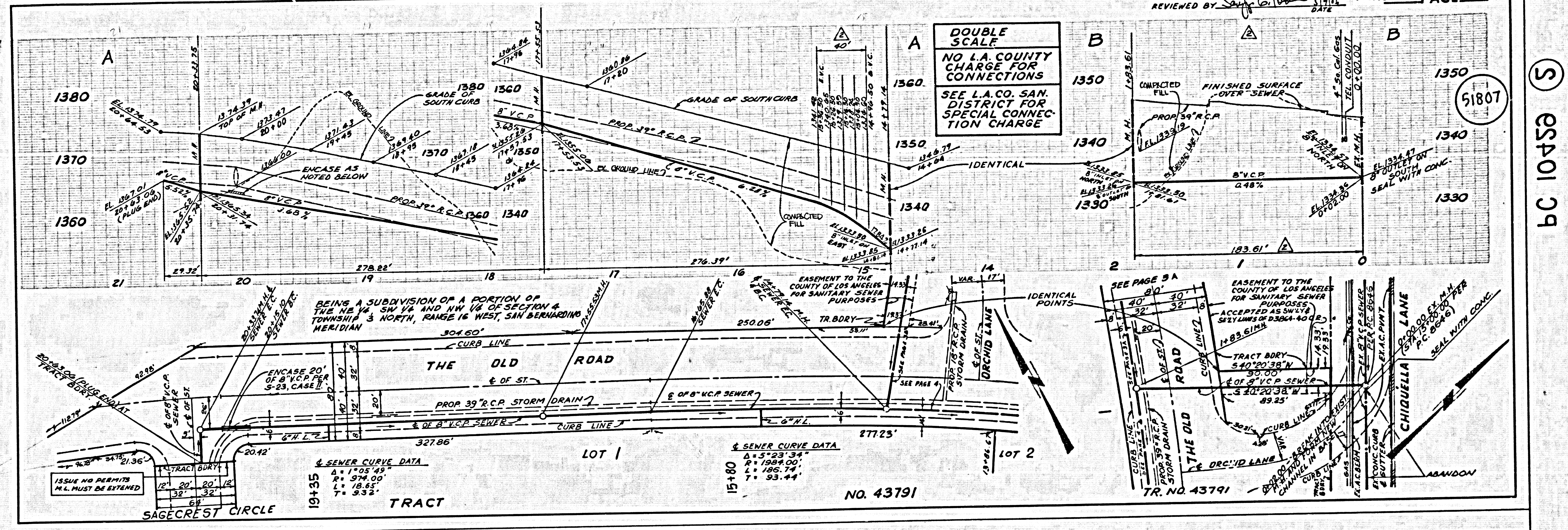
COUNTY OF LOS ANGELES, CALIFORNIA

THOMAS A. TIDEMANSON, DIRECTOR OF PUBLIC WORKS
 CHARLES W. CAREY, CHIEF ENGINEER
 APPROVED *Thomas A. Tidemanson* DATE 5/9/86
 APPROVED *Charles W. Carey* DATE 5/9/86
 CHECKED *Samy G. Hall* DATE 5/9/86
 REG. C.E. NO. 16894
 SANTA CLARITA VALLEY BLDG. DIST. 22



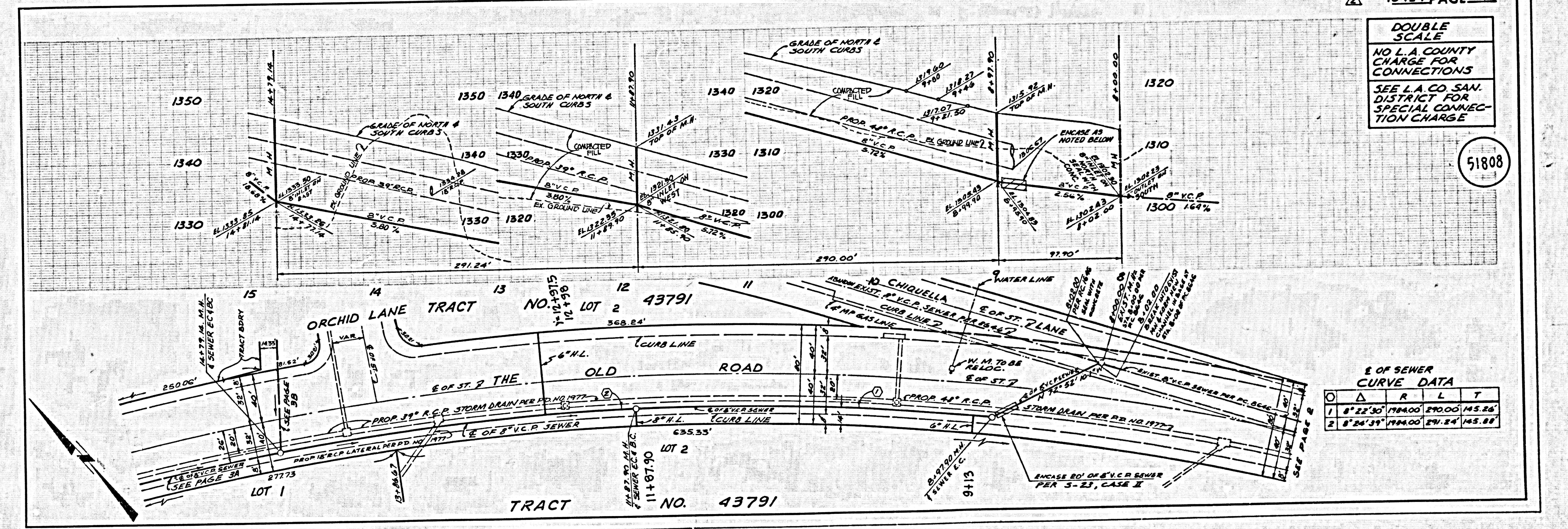
DOUBLE SCALE
 NO L.A. COUNTY CHARGE FOR CONNECTIONS
 SEE L.A. CO. SAN. DISTRICT FOR SPECIAL CONNECTION CHARGE

51806



DOUBLE SCALE
NO L.A. COUNTY CHARGE FOR CONNECTIONS
SEE L.A. CO. SAN. DISTRICT FOR SPECIAL CONNECTION CHARGE

51807



DOUBLE SCALE
NO L.A. COUNTY CHARGE FOR CONNECTIONS
SEE L.A. CO. SAN. DISTRICT FOR SPECIAL CONNECTION CHARGE

51808